

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091124\
 Data File : BN033865.D
 Acq On : 11 Sep 2024 17:35
 Operator : JU/RC
 Sample : P3878-18
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DDCC1

Manual Integrations
 APPROVED

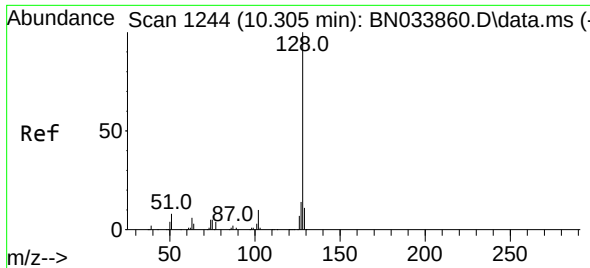
Reviewed By :Jagrut Upadhyay 09/12/2024
 Supervised By :mohammad ahmed 09/13/2024

Quant Time: Sep 12 03:04:37 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN091124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Sep 11 01:58:59 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

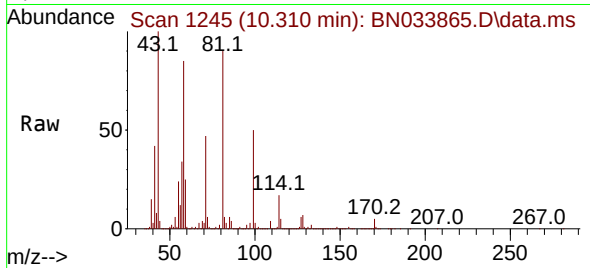
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.504	152	252320	20.000	ng/u1	0.00
20) Naphthalene-d8	10.263	136	1113564	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.145	164	776968	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.939	188	1606888	20.000	ng/u1	0.04
79) Chrysene-d12	21.139	240	1585827	20.000	ng/u1	0.01
88) Perylene-d12	23.927	264	1693180	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.116	96	21482	3.474	ng/uL	0.00
4) Pyridine-d5	3.510	84	189300	10.300	ng/u1	0.00
7) Phenol-d5	6.704	99	591491	26.414	ng/u1	0.01
9) Bis-(2-Chloroethyl)eth...	6.851	67	350007	25.191	ng/u1	0.00
11) 2-Chlorophenol-d4	7.046	132	472567	26.809	ng/u1	0.00
15) 4-Methylphenol-d8	8.245	113	503996	27.353	ng/u1	0.04
21) Nitrobenzene-d5	8.645	128	244623	27.561	ng/u1	0.00
24) 2-Nitrophenol-d4	9.357	143	257601	28.224	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.922	165	496010	28.857	ng/u1	0.04
31) 4-Chloroaniline-d4	10.387	131	100226	3.851	ng/u1	-0.01
46) Dimethylphthalate-d6	13.569	166	1606643	27.670	ng/u1	0.00
49) Acenaphthylene-d8	13.839	160	1861629	28.499	ng/u1	0.01
54) 4-Nitrophenol-d4	14.392	143	327255	27.462	ng/u1	0.03
60) Fluorene-d10	15.151	176	1436348	29.188	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.280	200	78583m	8.202	ng/u1	0.01
73) Anthracene-d10	17.027	188	2317591	30.677	ng/u1	0.04
81) Pyrene-d10	19.316	212	2652244	30.017	ng/u1	0.02
92) Benzo(a)pyrene-d12	23.739	264	2646529	30.429	ng/u1	0.02
Target Compounds					Qvalue	
30) Naphthalene	10.310	128	546050	8.965	ng/u1#	1
36) 2-Methylnaphthalene	11.939	142	1710045	40.757	ng/u1	97
37) 1-Methylnaphthalene	12.163	142	1068324	25.155	ng/u1	97
41) 2,4,6-Trichlorophenol	12.581	196	1854384	124.706	ng/u1	98
42) 2,4,5-Trichlorophenol	12.657	196	55145	3.376	ng/u1	98
43) 1,1'-Biphenyl	12.969	154	149439	2.551	ng/u1#	44
58) 2,3,4,6-Tetrachlorophenol	14.810	232	6752244	498.179	ng/u1#	86
61) Fluorene	15.210	166	183752	3.219	ng/u1#	87
71) Pentachlorophenol	16.622	266	36231439m	2872.349	ng/u1	
72) Phenanthrene	16.974	178	1223143	13.805	ng/u1#	96
80) Fluoranthene	18.974	202	177910	1.722	ng/u1#	84
82) Pyrene	19.339	202	160296	1.444	ng/u1#	90
86) Bis(2-ethylhexyl)phtha...	21.074	149	265931	3.648	ng/u1#	90

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#30
Naphthalene
Concen: 8.965 ng/ul
RT: 10.310 min Scan# 1245
Delta R.T. -0.000 min
Lab File: BN033865.D
Acq: 11 Sep 2024 17:35

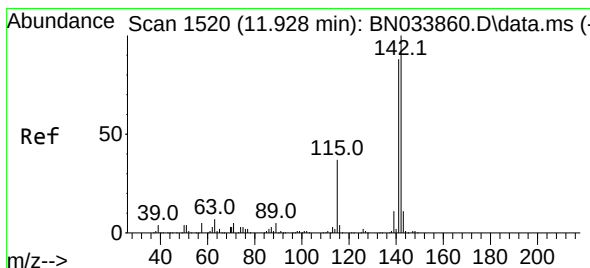
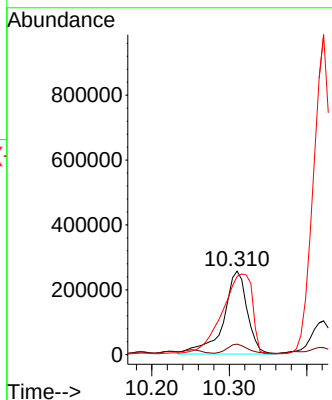
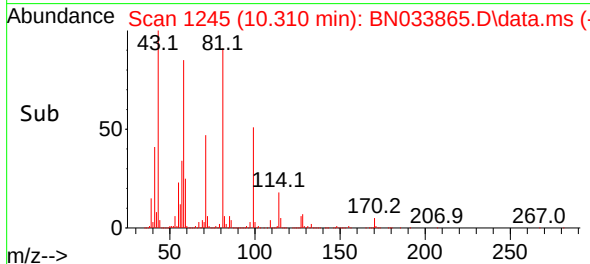
Instrument :
BNA_N
ClientSampleId :
DDCC1



Tgt Ion:128 Resp: 546050
Ion Ratio Lower Upper
128 100
129 12.6 8.7 13.1
127 93.6 10.6 16.0

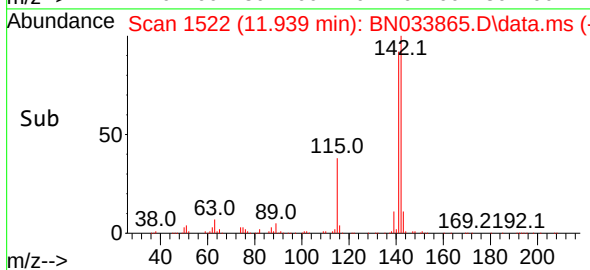
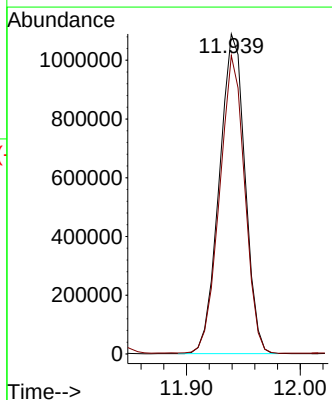
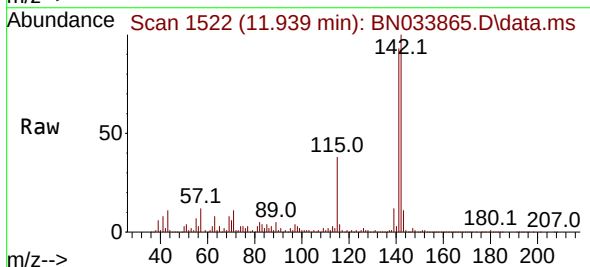
Manual Integrations
APPROVED

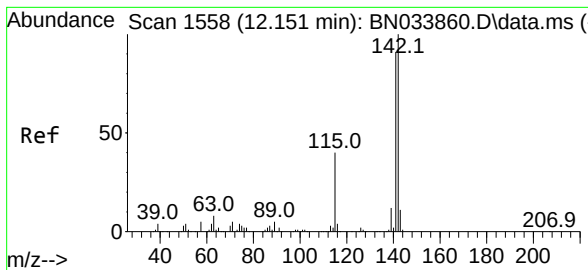
Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024



#36
2-Methylnaphthalene
Concen: 40.757 ng/ul
RT: 11.939 min Scan# 1522
Delta R.T. 0.012 min
Lab File: BN033865.D
Acq: 11 Sep 2024 17:35

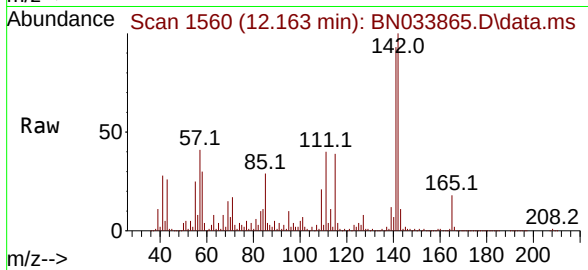
Tgt Ion:142 Resp: 1710045
Ion Ratio Lower Upper
142 100
141 93.2 72.2 108.2





#37
1-Methylnaphthalene
Concen: 25.155 ng/ul
RT: 12.163 min Scan# 11
Delta R.T. 0.006 min
Lab File: BN033865.D
Acq: 11 Sep 2024 17:35

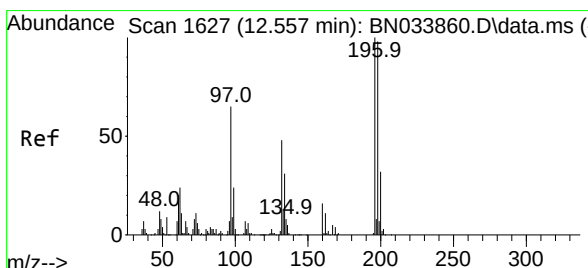
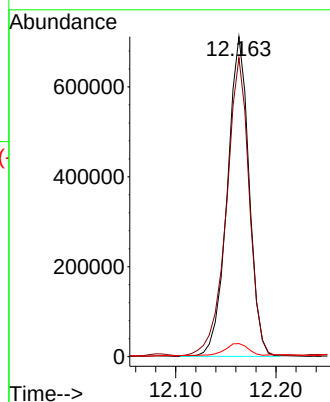
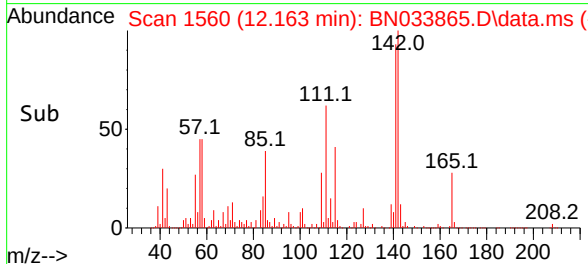
Instrument :
BNA_N
ClientSampleId :
DDCC1



Tgt Ion:142 Resp: 1068324
Ion Ratio Lower Upper
142 100
141 93.4 72.5 108.7
116 4.1 3.2 4.8

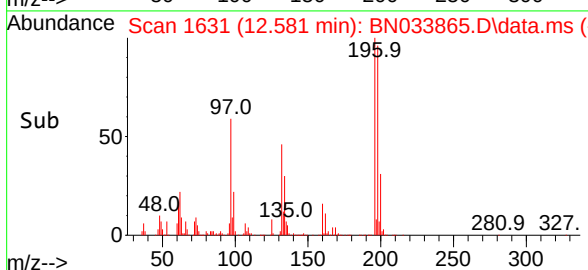
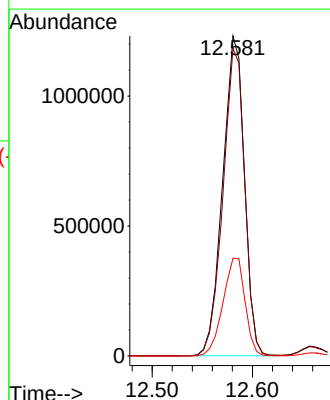
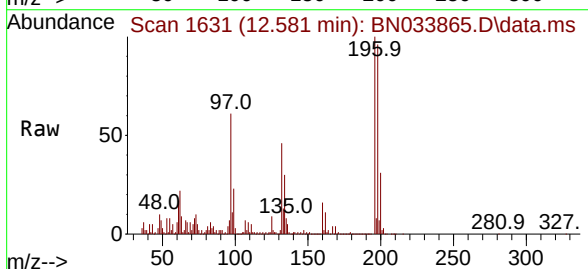
Manual Integrations
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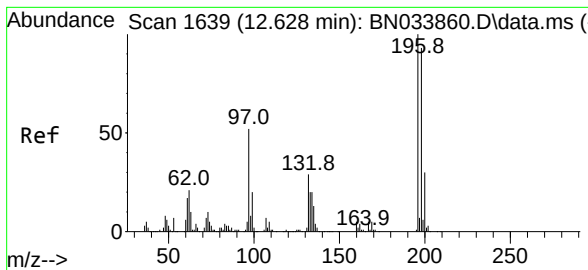
Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024



#41
2,4,6-Trichlorophenol
Concen: 124.706 ng/ul
RT: 12.581 min Scan# 1631
Delta R.T. 0.023 min
Lab File: BN033865.D
Acq: 11 Sep 2024 17:35

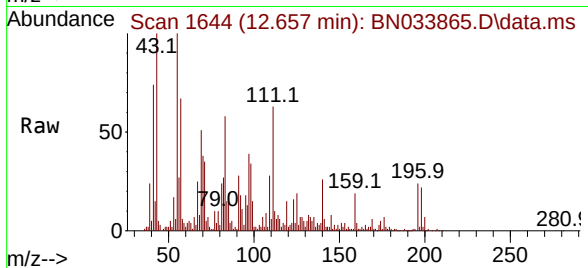
Tgt Ion:196 Resp: 1854384
Ion Ratio Lower Upper
196 100
198 96.2 75.0 112.4
200 30.6 24.7 37.1





#42
2,4,5-Trichlorophenol
Concen: 3.376 ng/ul
RT: 12.657 min Scan# 1644
Delta R.T. 0.029 min
Lab File: BN033865.D
Acq: 11 Sep 2024 17:35

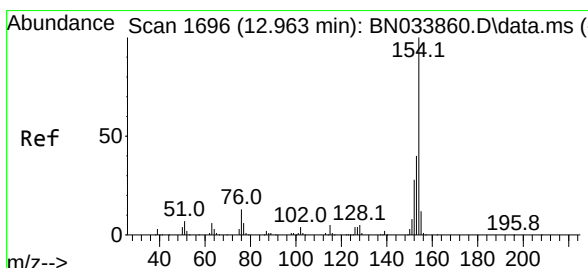
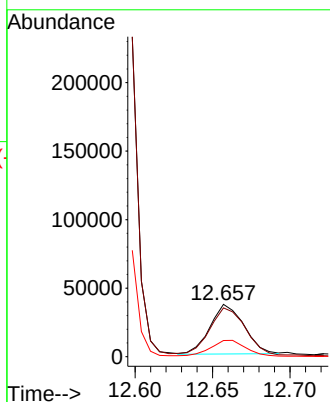
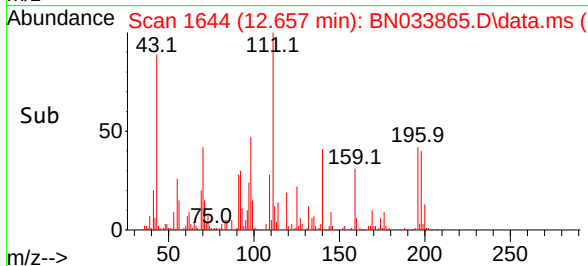
Instrument :
BNA_N
ClientSampleId :
DDCC1



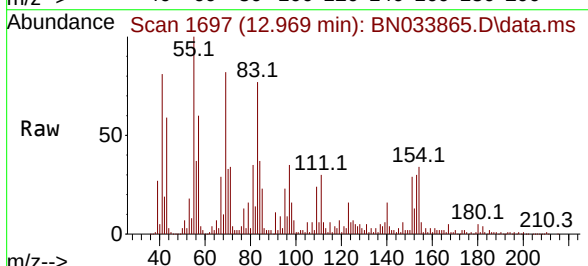
Tgt Ion:196 Resp: 55149
Ion Ratio Lower Upper
196 100
198 93.5 77.1 115.7
200 31.1 25.2 37.8

Manual Integrations
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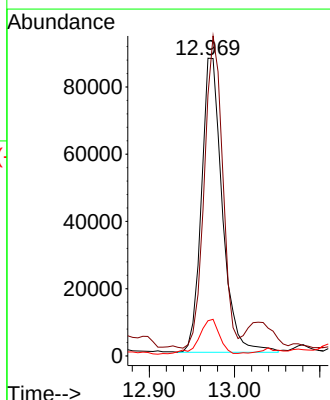
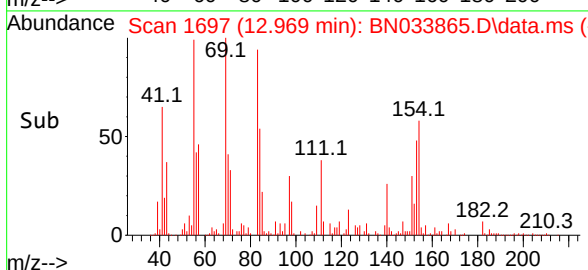
Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024

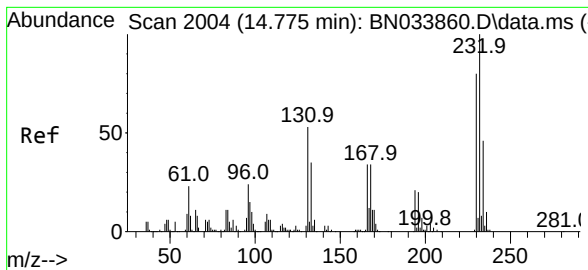


#43
1,1'-Biphenyl
Concen: 2.551 ng/ul
RT: 12.969 min Scan# 1697
Delta R.T. -0.000 min
Lab File: BN033865.D
Acq: 11 Sep 2024 17:35



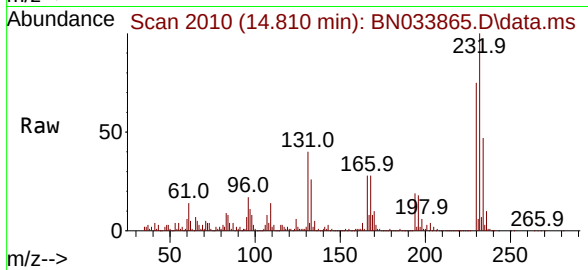
Tgt Ion:154 Resp: 149439
Ion Ratio Lower Upper
154 100
153 87.6 33.3 49.9#
76 11.8 10.2 15.4





#58
2,3,4,6-Tetrachlorophenol
Concen: 498.179 ng/ul
RT: 14.810 min Scan# 2010
Delta R.T. 0.035 min
Lab File: BN033865.D
Acq: 11 Sep 2024 17:35

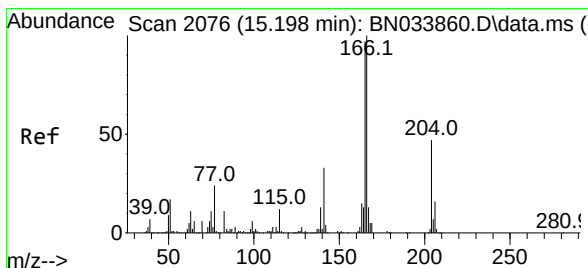
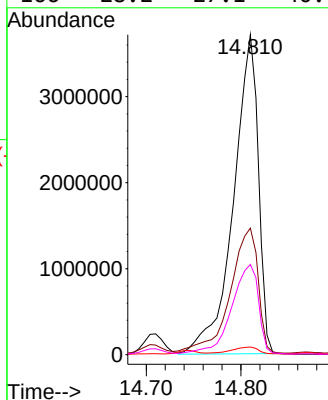
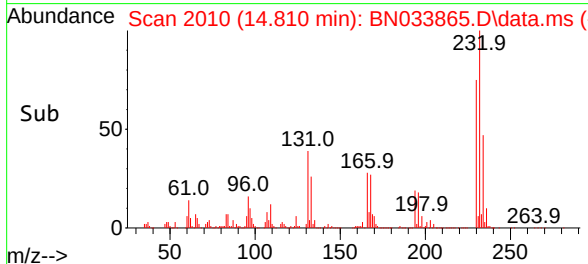
Instrument :
BNA_N
ClientSampleId :
DDCC1



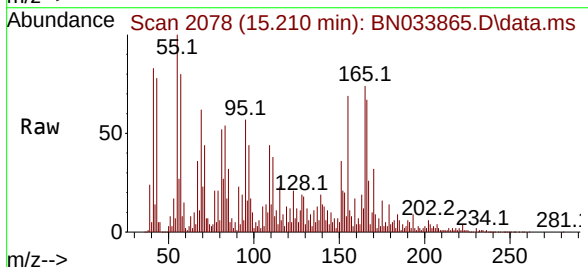
Tgt Ion:232 Resp: 675224
Ion Ratio Lower Upper
232 100
131 39.5 41.0 61.6
130 2.4 2.2 3.2
166 28.2 27.1 40.7

Manual Integrations
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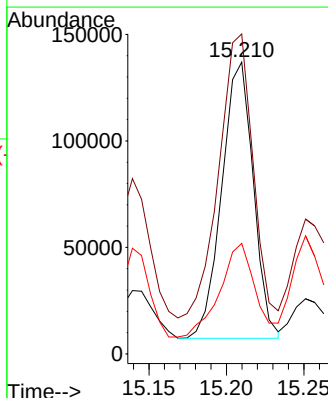
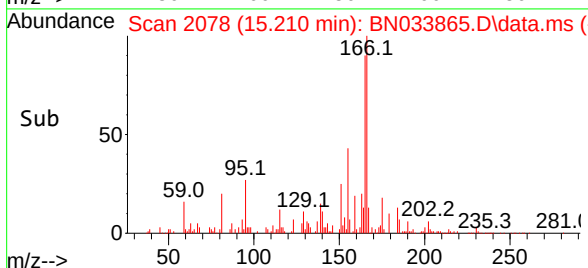
Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024

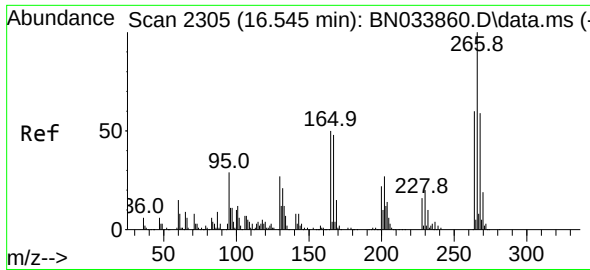


#61
Fluorene
Concen: 3.219 ng/ul
RT: 15.210 min Scan# 2078
Delta R.T. 0.012 min
Lab File: BN033865.D
Acq: 11 Sep 2024 17:35



Tgt Ion:166 Resp: 183752
Ion Ratio Lower Upper
166 100
165 109.7 81.9 122.9
167 37.9 10.9 16.3





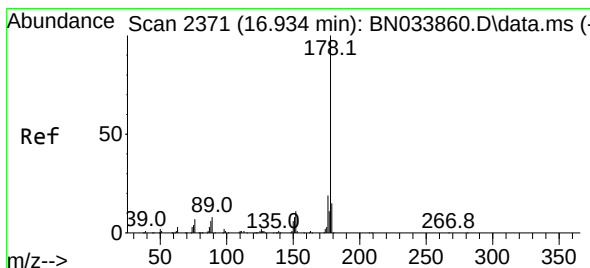
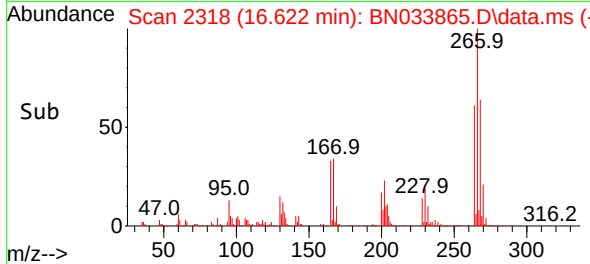
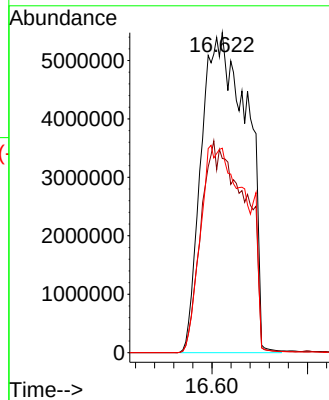
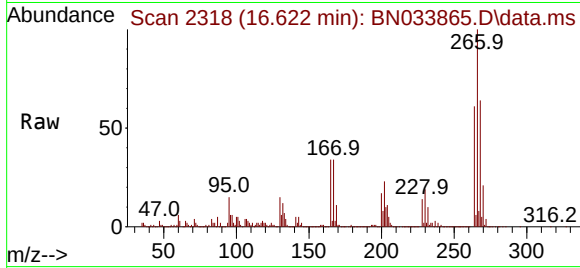
#71
Pentachlorophenol
Concen: 2872.349 ng/ul m
RT: 16.622 min Scan# 2318
Delta R.T. 0.070 min
Lab File: BN033865.D
Acq: 11 Sep 2024 17:35

Instrument :
BNA_N
ClientSampleId :
DDCC1

Tgt Ion:266 Resp:3623143
Ion Ratio Lower Upper
266 100
264 60.7 51.1 76.7
268 63.9 52.8 79.2

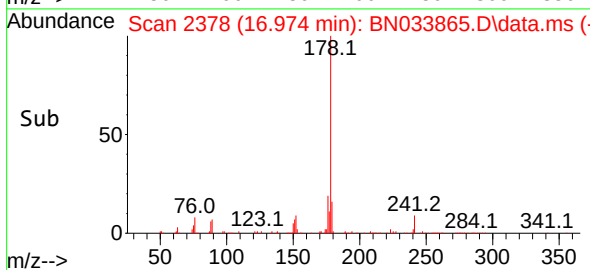
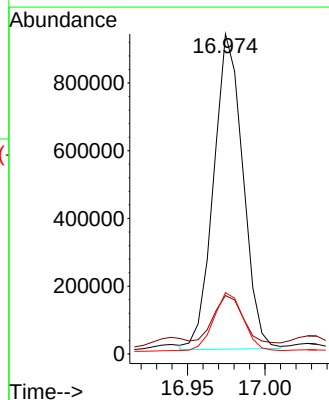
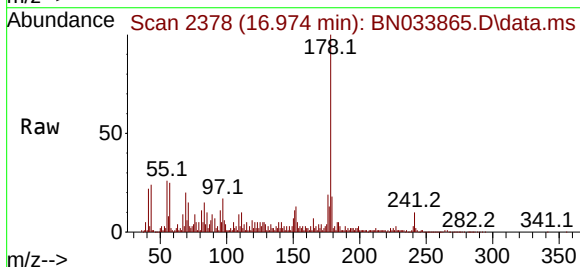
Manual Integrations
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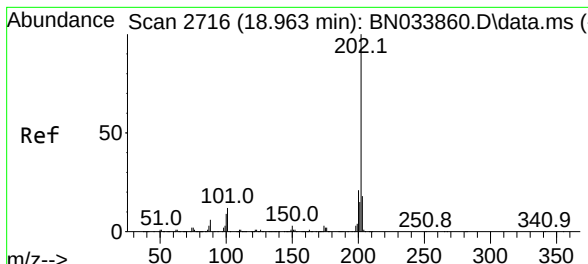
Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024



#72
Phenanthrene
Concen: 13.805 ng/ul
RT: 16.974 min Scan# 2378
Delta R.T. 0.035 min
Lab File: BN033865.D
Acq: 11 Sep 2024 17:35

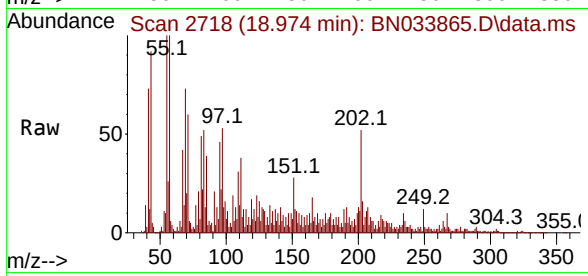
Tgt Ion:178 Resp: 1223143
Ion Ratio Lower Upper
178 100
179 18.2 11.9 17.9#
176 19.1 15.2 22.8





#80
 Fluoranthene
 Concen: 1.722 ng/ul
 RT: 18.974 min Scan# 2718
 Delta R.T. 0.012 min
 Lab File: BN033865.D
 Acq: 11 Sep 2024 17:35

Instrument :
 BNA_N
 ClientSampleId :
 DDCC1

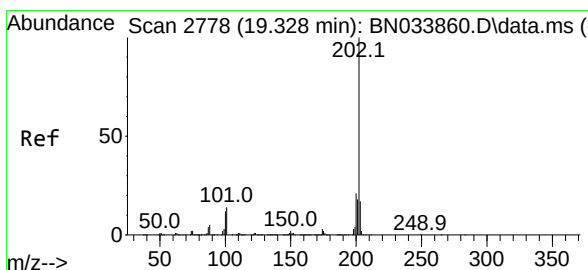
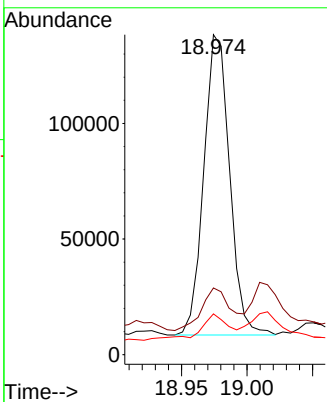
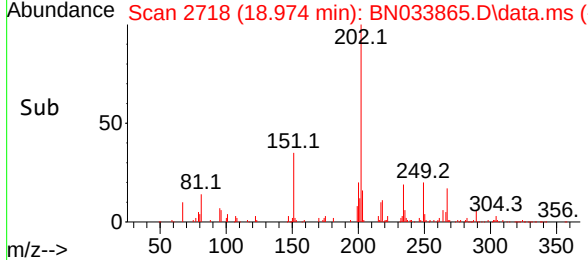


Tgt Ion: 202 Resp: 177910

Ion	Ratio	Lower	Upper
202	100		
101	20.8	9.6	14.4
100	12.8	7.7	11.5

Manual Integrations
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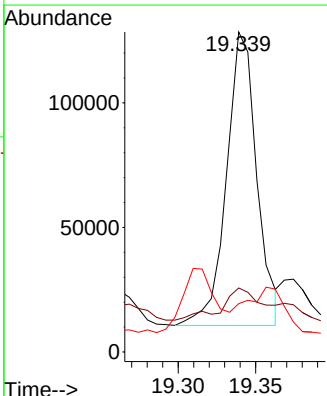
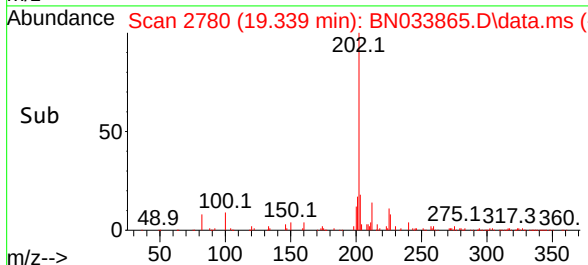
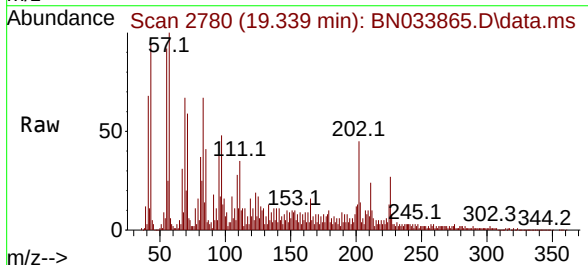
Reviewed By :Jagrut Upadhyay 09/12/2024
 Supervised By :mohammad ahmed 09/13/2024

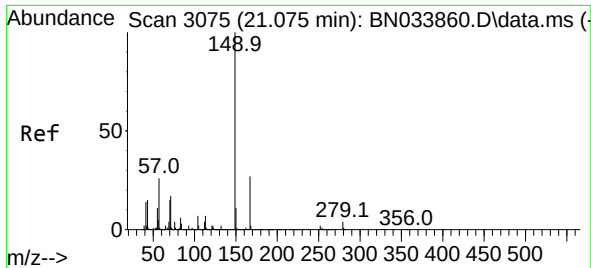


#82
 Pyrene
 Concen: 1.444 ng/ul
 RT: 19.339 min Scan# 2780
 Delta R.T. 0.012 min
 Lab File: BN033865.D
 Acq: 11 Sep 2024 17:35

Tgt Ion: 202 Resp: 160296

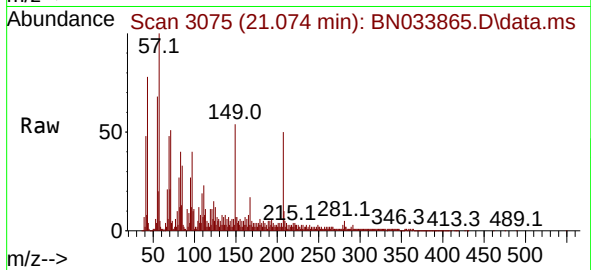
Ion	Ratio	Lower	Upper
202	100		
101	20.0	11.8	17.8
100	15.1	10.0	15.0





#86
 Bis(2-ethylhexyl)phthalate
 Concen: 3.648 ng/ul
 RT: 21.074 min Scan# 3075
 Delta R.T. 0.006 min
 Lab File: BN033865.D
 Acq: 11 Sep 2024 17:35

Instrument :
 BNA_N
 ClientSampleId :
 DDCC1



Tgt Ion:149 Resp: 26593
 Ion Ratio Lower Upper
 149 100
 167 31.0 20.6 31.0
 279 6.0 3.0 4.6

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